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Please type a plus sign (+) inside this box [+]

PTO/SB/05 (08-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 042390.P9141

First Named Inventor Rahul Khanna et al.

Title: A METHOD FOR REPRESENTING ROOT BUSSES USING OBJECT ORIENTED ABSTRACTIONS

Express Mail Label No. EL429888141US

ADDRESS TO: **Assistant Commissioner for Patents**
Box Patent Application
Washington, D. C. 20231

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. **Fee Transmittal Form (e.g., PTO/SB/17)**
(Submit an original, and a duplicate for fee processing)
2. **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. **Specification (Total Pages 37)**
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. **Drawings(s) (35 USC 113) (Total Sheets 6)**
5. **Oath or Declaration (Total Pages 7)**
 - a. Newly Executed (Original or Copy)
 - b. Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 17 completed)
 - i. **DELETIONS OF INVENTOR(S)** Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
 - c. Unsigned.
6. **Application Data Sheet. (37 CFR 1.76)**
7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. **Assignment Papers (cover sheet & documents(s))**
10. _____ a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
_____ b. Power of Attorney
11. _____ English Translation Document (if applicable)
12. _____ a. Information Disclosure Statement (IDS)/PTO-1449
_____ b. Copies of IDS Citations
13. _____ **Preliminary Amendment**
14. _____ **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**
15. _____ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Other: separate sheet with title, express mail label, copy of postcard & attorney's signature

17A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation _____ Divisional _____ Continuation-in-part (CIP)
Of Prior Application No.: _____ Examiner _____ Group Art Unit _____

(which is a continuation/ divisional/ CIP of prior application no. _____,
which is a continuation/ divisional/ CIP of prior application no. _____) (List entire chain of priority)

For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17B. Statement under 37 CFR 3.73(b) for continuing application:

The undersigned states that _____ (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment recorded in the Patent and Trademark Office at Reel. No. _____ Frame No. _____ (or a copy of which is attached).

18. Correspondence Address

Customer Number or Bar Code Label _____ (Insert Customer No. or Attach Bar Code Label here)
or

Correspondence Address Below

NAME R. Alan Burnett

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard

Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (425) 827-8600 FAX (425) 827-5644

Name (PRINT/TYPE): R. Alan Burnett Registration No.: 46,149
Signature: R. Alan Burnett Date: March 8, 2001

FEE TRANSMITTAL FOR FY 2001

TOTAL AMOUNT OF PAYMENT (\$) \$ 822.00

Complete if Known:

Application No. Not Yet Assigned/New Application
 Filing Date Herewith
 First Named Inventor Rahal Khanna et al.
 Group Art Unit _____
 Examiner Name _____
 Attorney Docket No. 042390.P9141

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666
 Deposit Account Name _____

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2. Payment Enclosed:

Check
 Money Order
 Other

FEE CALCULATION

1. BASIC FILING FEE

| <u>Large Entity</u> | <u>Small Entity</u> | <u>Fee Description</u> | <u>Fee Paid</u> | |
|-------------------------------|---------------------|------------------------|------------------------------------|---------------|
| Fee Code | Fee (\$) | Fee Code (\$) | | |
| 101 | 710 | 201 | Utility application filing fee | <u>710.00</u> |
| 106 | 320 | 206 | Design application filing fee | _____ |
| 107 | 490 | 207 | Plant filing fee | _____ |
| 108 | 710 | 208 | Reissue filing fee | _____ |
| 114 | 150 | 214 | Provisional application filing fee | _____ |
| SUBTOTAL (1) <u>\$ 710.00</u> | | | | |

2. EXTRA CLAIM FEES

| <u>Extra Claims</u> | <u>Fee from below</u> | <u>Fee Paid</u> |
|-----------------------------|-----------------------|------------------------|
| Total Claims <u>24</u> | <u>- 20** = 4</u> | <u>X 18.00 = 72.00</u> |
| Independent Claims <u>3</u> | <u>- 3** = 0</u> | <u>X 80.00 = 0.00</u> |
| Multiple Dependent | | <u>=</u> |

**Or number previously paid, if greater; For Reissues, see below.

| <u>Large Entity</u> | <u>Small Entity</u> | <u>Fee Description</u> |
|------------------------------|---------------------|---|
| Fee Code | Fee (\$) | |
| 103 | 18 | 203 9 Claims in excess of 20 |
| 102 | 80 | 202 40 Independent claims in excess of 3 |
| 104 | 270 | 204 135 Multiple dependent claim, if not paid |
| 109 | 80 | 209 40 **Reissue independent claims over original patent |
| 110 | 18 | 210 9 **Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) <u>\$ 72.00</u> | | |

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| <u>Large Entity</u> | <u>Fee</u> | <u>Fee</u> | <u>Small Entity</u> | <u>Fee</u> | <u>Fee</u> | <u>Fee Description</u> | <u>Fee Paid</u> |
|------------------------------|------------|------------|---------------------|------------|------------|--|-----------------|
| Code | (\$) | Code | (\$) | Code | (\$) | | |
| 105 | 130 | 205 | 65 | | | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | | | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | | | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | | | For filing a request for reexamination | |
| 112 | 920* | 112 | 920* | | | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | | | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | | | Extension for response within first month | |
| 116 | 390 | 216 | 195 | | | Extension for response within second month | |
| 117 | 890 | 217 | 445 | | | Extension for response within third month | |
| 118 | 1,390 | 218 | 695 | | | Extension for response within fourth month | |
| 128 | 1,890 | 228 | 945 | | | Extension for response within fifth month | |
| 119 | 310 | 219 | 155 | | | Notice of Appeal | |
| 120 | 310 | 220 | 155 | | | Filing a brief in support of an appeal | |
| 121 | 270 | 221 | 135 | | | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | | | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | | | Petition to revive unavoidably abandoned application or unavoidably delayed payment of issue fee | |
| 141 | 1,240 | 241 | 620 | | | Petition to revive unintentionally abandoned application or unintentionally delayed payment of issue fee | |
| 142 | 1,240 | 242 | 620 | | | Utility issue fee (or reissue) | |
| 143 | 440 | 243 | 220 | | | Design issue fee | |
| 144 | 600 | 244 | 300 | | | Plant issue fee | |
| 122 | 130 | 122 | 130 | | | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | | | Petitions related to provisional applications | |
| 126 | 180 | 126 | 180 | | | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | | | Recording each patent assignment per property (times number of properties) | |
| 146 | 710 | 246 | 355 | | | For filing a submission after final rejection (see 37 CFR 1.129(a)) | <u>40.00</u> |
| 149 | 710 | 249 | 355 | | | For each additional invention to be examined (see 37 CFR 1.129(b)) | |
| 179 | 710 | 279 | 355 | | | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | | | Request for expedited examination of a design application | |
| Other fee (specify) | | | | | | | |
| Other fee (specify) | | | | | | | |
| SUBTOTAL (3) \$ 40.00 | | | | | | | |

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: R. Alan Burnett

Signature: R. Alan Burnett Date: March 8, 2001

Reg. Number: 46,149 Telephone Number: (425) 827-8600

A METHOD FOR REPRESENTING ROOT BUSSES USING OBJECT ORIENTED ABSTRACTIONS

Inventors: Rahul Khanna, Andrew Fish

10978 U.S. PRO
09/802787
03/08/01



Respectfully submitted,

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

*R. Alan Burnett*R. Alan Burnett
Reg. No. 46,149"Express Mail" mailing label number: EL429888141USDate of Deposit: March 8, 2001

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231

Dominique Valentino

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee) (Date signed)

Serial/Patent No.: Not Yet Assigned Filing/Issue Date: Herewith
 Client: Intel Corporation
 Title: A METHOD FOR REPRESENTING ROOT BUSSES USING OBJECT ORIENTED ABSTRACTIONS

bstz File No. 042390.P9141 Atty/Secty Initials RAB/dcv
 Date Mailed March 8, 2001 Docket Due Date _____

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

| | | |
|---|--|--|
| <input type="checkbox"/> Amendment/Response (____pgs.) | <input type="checkbox"/> Express Mail No. <u>EL429888141US</u> | <input type="checkbox"/> Check No. <u>1080</u> |
| <input type="checkbox"/> Appeal Brief (____pgs.) (in triplicate) | <input type="checkbox"/> Month(s) Extension of Time | <input type="checkbox"/> Amt. <u>\$822.00</u> |
| <input checked="" type="checkbox"/> Application - Utility (37____pgs., with cover and abstract) | <input type="checkbox"/> Information Disclosure | |
| <input type="checkbox"/> Application - Rule 1.53(b) Continuation (____pgs.) | Statement & PTO-1449 (____pgs.) <input type="checkbox"/> Check No. _____ | |
| <input type="checkbox"/> Application - Rule 1.53(b) Divisional (____pgs.) | <input type="checkbox"/> Issue Fee Transmittal Amt. _____ | |
| <input type="checkbox"/> Application - Rule 1.53(b) CIP (____pgs.) | <input type="checkbox"/> Notice of Appeal | |
| <input type="checkbox"/> Application - Rule 1.53(d) CPA Transmittal (____pgs.) | <input type="checkbox"/> Petition for Extension of Time | |
| <input type="checkbox"/> Application - Design (____pgs.) | <input type="checkbox"/> Petition for _____ | |
| <input type="checkbox"/> Application - PCT (____pgs.) | <input checked="" type="checkbox"/> Postcard | |
| <input type="checkbox"/> Application - Provisional (____pgs.) | <input type="checkbox"/> Power of Attorney (____pgs.) | |
| <input checked="" type="checkbox"/> Assignment and Cover Sheet | <input type="checkbox"/> Preliminary Amendment (____pgs.) | |
| <input checked="" type="checkbox"/> Certificate of Mailing | <input type="checkbox"/> Reply Brief (____pgs.) | |
| <input checked="" type="checkbox"/> Declaration & POA (7____pgs.) signed | <input type="checkbox"/> Response to Notice of Missing Parts | |
| <input type="checkbox"/> Disclosure Docs & Orig & Copy of Inventor's Signed Letter (____pgs.) | <input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business | |
| <input checked="" type="checkbox"/> Drawings 6____# of sheets includes 8____figures | <input type="checkbox"/> Transmittal Letter, in duplicate (2 pgs ea) | |
| <input checked="" type="checkbox"/> Other Certificate of mailing with copy of return postcard signed by attorney | <input type="checkbox"/> Fee Transmittal, in duplicate (2 pgs ea) | |